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ABSTRACT OF THE DISCLOSURE

A medical injection device, such as a pen-type injector has a microprocessor coupled to the injector that records the date, the time, and the amount of each injection. The microprocessor 5 may also be coupled to a display to indicate the amount of medication to be injected. The medical injection device can also be coupled with a blood characteristic monitor to analyze characteristics of the blood. This provides a single, all-in-one device that performs a variety of functions, and requires only a 10 minimum of space. The medical injection device may also use a disposable needle that substantially eliminates or reduces bleeding from an opening in the skin at the injection site.